

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/698,228 A  
Source: JFW/6  
Date Processed by STIC: 08/02/2006

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IFW16

## RAW SEQUENCE LISTING

DATE: 08/02/2006

PATENT APPLICATION: US/10/698,228A

TIME: 15:03:19

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3 <110> APPLICANT: NAKAMURA, YUSUKE
4     ARAKAWA, HIROFUMI
5     TANAKA, HIROSHI
7 <120> TITLE OF INVENTION: PROTEIN HAVING RIBONUCLEOTIDE REDUCTASE ACTIVITY
8     AND DNA THEREOF
10 <130> FILE REFERENCE: 56801(46342)
12 <140> CURRENT APPLICATION NUMBER: 10/698,228A
13 <141> CURRENT FILING DATE: 2003-10-30
15 <150> PRIOR APPLICATION NUMBER: 10/019,733
16 <151> PRIOR FILING DATE: 2001-12-28
18 <150> PRIOR APPLICATION NUMBER: PCT/JP00/04189
19 <151> PRIOR FILING DATE: 2000-06-27
21 <150> PRIOR APPLICATION NUMBER: JP 2000/017770
22 <151> PRIOR FILING DATE: 2000-01-21
24 <150> PRIOR APPLICATION NUMBER: JP 11/192391
25 <151> PRIOR FILING DATE: 1999-07-06
27 <150> PRIOR APPLICATION NUMBER: JP 11/181131
28 <151> PRIOR FILING DATE: 1999-06-28
30 <160> NUMBER OF SEQ ID NOS: 17
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50   50           55           60
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53   65           70           75           80
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70 Thr Met Pro Tyr Val Lys Lys Lys Ala Asp Trp Ala Leu Arg Trp Ile
71 165 170 175
73 Ala Asp Arg Lys Ser Thr Phe Gly Glu Arg Val Val Ala Phe Ala Ala
74 180 185 190
76 Val Glu Gly Val Phe Phe Ser Gly Ser Phe Ala Ala Ile Phe Trp Leu
77 195 200 205
79 Lys Lys Arg Gly Leu Met Pro Gly Leu Thr Phe Ser Asn Glu Leu Ile
80 210 215 220
82 Ser Arg Asp Glu Gly Leu His Cys Asp Phe Ala Cys Leu Met Phe Gln
83 225 230 235 240
85 Tyr Leu Val Asn Lys Pro Ser Glu Glu Arg Val Arg Glu Ile Ile Val
86 245 250 255
88 Asp Ala Val Lys Ile Glu Gln Glu Phe Leu Thr Glu Ala Leu Pro Val
89 260 265 270
91 Gly Leu Ile Gly Met Asn Cys Ile Leu Met Lys Gln Tyr Ile Glu Phe
92 275 280 285
94 Val Ala Asp Arg Leu Leu Val Glu Leu Gly Phe Ser Lys Val Phe Gln
95 290 295 300
97 Ala Glu Asn Pro Phe Asp Phe Met Glu Asn Ile Ser Leu Glu Gly Lys
98 305 310 315 320
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232 cctaagaaaag agttctcgcc ggtttgtcat ctttccaatc cagtaccctg atatttggaa 180
233 aatgtataaa caggcacagg cttccttctg gacagcagaa gaggttgact tatcaaagga 240
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263 Thr Pro Pro Ala Leu Ser Gly Thr Arg Val Leu Ala Ser Lys Thr Ala
264 35 40 45
266 Arg Arg Ile Phe Gln Glu Pro Thr Glu Pro Lys Thr Lys Ala Ala Ala
267 50 55 60
269 Pro Gly Val Glu Asp Glu Pro Leu Leu Arg Glu Asn Pro Arg Arg Phe
270 65 70 75 80
272 Val Ile Phe Pro Ile Glu Tyr His Asp Ile Trp Gln Met Tyr Lys Lys
273 85 90 95
275 Ala Glu Ala Ser Phe Trp Thr Ala Glu Glu Val Asp Leu Ser Lys Asp
276 100 105 110
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282 130 135 140
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287 Phe Tyr Gly Phe Gln Ile Ala Met Glu Asn Ile His Ser Glu Met Tyr
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**VERIFICATION SUMMARY**

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